

Gamma Rays from the Centers of the Milky Way and Andromeda Seen with the Fermi-LAT

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Recent observations of gamma rays with the Fermi-LAT have revealed excess emission from the centers of the Milky Way and the Andromeda galaxy, both of unknown origin. In this talk, I will briefly review the current observational status of the excess including morphological and spectral properties. Possible interpretations will be discussed, such as cosmic ray interactions with the interstellar medium, unresolved population of point sources, and dark matter annihilation or decay. Future observations at higher energies may shed light on the origin of the central emission.

Subject

Astro/Cosmo

Abstract Title

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